

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Anthony R. Boyd

Filed: Concurrently herewith

Serial No.:

For: "High Torque and High Capacity Rotatable Center Core with Ram Body Assemblies"

Docket No.: 604.015

Mail Stop Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached form PTO/SB/08A are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

English-Language Documents:

Issue Date:

1. U. S. Pat. No. 1,723,934 to Heggem	08 August 1929
2. U. S. Pat. No. 1,854,058 to Otis	12 April 1932
3. U. S. Pat. No. 3,163,430 to Normand	29 December 1964
4. U. S. Pat. No. 3,145,995 to Adamson et al.	25 August 1964
5. U. S. Pat. No. 4,860,826 to Land	29 August 1989
6. U. S. Pat. No. 5,645,098 to Morrill	08 July 1997
7. U. S. Pat. No. 6,113,061 to Van Winkle	05 September 2000
8. U. S. Pat. No. 6,223,819 B1 to Heinonen	01 May 2001
9. U. S. Pat. No. 6,244,336 B1 to Kachich	12 June 2001
10. U. S. Pat. No. 4,043,389 to Cobb	23 August 1977
11. U. S. Pat. No. 5,161,617 to Marschke	10 November 1992

Foreign-Language Documents:

The following foreign-language documents are being brought to the attention of the Examiner along with a concise explanation of the relevance of each document, as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information of each document: n/a

Respectfully submitted,

Date: 3-July-2003



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Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Sheet

of

Application Number	
Filing Date	
First Named Inventor	Anthony R. Boyd
Art Unit	
Examiner Name	

Attorney Docket Number 604.015

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
1	US- 1,723,934		08-08-1929	Heggem	
2	US- 1,854,058		04-12-1932	Otis	
3	US- 3,163,430		12-29-1964	Normand	
4	US- 3,145,995		08-25-1964	Adamson et al.	
5	US- 4,860,826		08-29-1989	Land	
6	US- 5,645,098		07-08-1997	Morrill	
7	US- 6,113,061		09-05-2000	Van Winkle	
8	US- 6,223,819 B1		05-01-2001	Heinonen	
9	US- 6,244,336 B1		06-12-2001	Kachich	
10	US- 4,043,389		08-23-1977	Cobb	
11	US- 5,161,617		11-10-1992	Marschke	
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				
	n/a					

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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